

CLAIMS:

5 1. A stable composition for rapid delivery by inhalation to the lungs, and subsequently to the bloodstream, said composition comprising a therapeutically effective amount of delta-9-tetrahydrocannabinol in a pharmaceutically-acceptable semiaqueous solvent comprising an alcohol, water and a glycol, in relative volumetric ratio amounts sufficient

(i) to aerosolize the composition to a mean mass median aerodynamic diameter in the range of from about 1 up to about 10 μ M; and

(ii) to enhance partitioning by producing a stable clear solution near the solubility point of the delta-9-tetrahydrocannabinol.

2. A composition as defined in Claim 1 wherein said delta-9-tetrahydrocannabinol comprises from about 0.1 to about 200 mg/mL.

3. A composition as defined in Claim 2 wherein said delta-9-tetrahydrocannabinol comprises from 0.1 to 25 mg/mL.

4. A composition as defined in Claim 3 wherein said delta-9-tetrahydrocannabinol comprises 50 mg/mL.

5. A composition as defined in Claim 1 wherein said solvent comprises ethanol, water and propylene glycol.

6. A composition as defined in Claim 5 wherein the volumetric ratios of ethanol : water : propylene glycol are selected from those in the range of from 10 - 70 : 10 - 30 : 20 - 80, respectively, having a combined total of 100.

7. A composition as defined in Claim 6 wherein the volumetric ratios of ethanol : water : propylene glycol are selected from those in the range of from 10 - 70 : 10 : 20 - 80, respectively, having a combined total of 100.

005780-63263900

Sub
C2

8. A composition as defined in Claim 7 wherein the volumetric ratios of ethanol : water : propylene glycol are 35 : 10 : 55, respectively, having a combined total of 100.

9. A sterile and/or preserved sealed unit- or multi-unit dosage form of delta-9-tetrahydrocannabinol comprising a container and a stable composition for rapid delivery by inhalation to the lungs and subsequently to the bloodstream, as defined in Claim 1.

10. A sterile and/or preserved sealed unit- or multi-unit dosage form as defined in Claim 9 wherein said container comprises Type I Amber Glass with a suitable liner.

5

005780 6826500

add
D?